

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A transparent substrate provided with a thin-film multilayer comprising at least one functional ~~metal~~ silver layer, having reflection properties in the infrared and/or in the solar radiation range, at least one metal barrier layer in contact with the functional layer and at least one upper dielectric layer, ~~characterized in that~~ wherein at least one barrier layer is based on zirconium and in that the upper dielectric layer comprises at least one ZnO-based layer in contact with the functional silver layer or with the barrier layer.

Claim 2 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that~~ wherein the functional silver layer is coated with a zirconium-based upper barrier layer ~~surmounted~~ and the zirconium-based upper barrier layer is coated at least by a ZnO-based dielectric layer.

Claim 3 (Currently Amended): The substrate as claimed in claim 2, ~~characterized in that it includes,~~ further comprising beneath the silver layer, a lower barrier layer based on a metal.

Claim 4 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that it includes~~ further comprising a zirconium-based lower barrier layer and ~~[[an]]~~ the ZnO-based upper dielectric layer are in direct contact with the functional silver ~~metal~~ layer.

Claim 5 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that it includes~~ further comprising an upper mechanical protection layer based on an oxide, nitride and/or oxynitride, this upper layer being optionally doped.

Claim 6 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that wherein~~ the thickness of ~~[[a]]~~ the at least one barrier layer is less than or equal to 6 nm.

Claim 7 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that wherein~~ the thickness of said functional silver layer is from 5 to 18 nm.

Claim 8 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that wherein~~ the thickness of said upper dielectric layer is at least 5 nm.

Claim 9 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that wherein~~ said multilayer substantially retains its properties, after a heat treatment at a temperature of at least 500°C.

Claim 10 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that further comprising~~ at least one Zr-based upper barrier layer coated on the functional metal layer, wherein at least one Zr-based barrier layer is deposited by magnetron sputtering using a zirconium metal target that may optionally contain from 1 to 10% by weight of an additional element ~~such as Ca, Y, or Hf~~.

Claim 11 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in that wherein~~ the multilayer includes a lower dielectric layer based on an oxide or nitride.

Claim 12 (Currently Amended): The substrate as claimed in claim 11, ~~characterized in that~~ wherein the lower dielectric layer comprises the sequence  $\text{SnO}_2/\text{TiO}_2/\text{ZnO}$ .

Claim 13 (Currently Amended): The substrate as claimed in claim 11, ~~characterized in that~~ wherein the lower dielectric layer comprises the sequence  $\text{Si}_3\text{N}_4/\text{ZnO}$ .

Claim 14 (Previously Presented): A glazing comprising at least one substrate as claimed in claim 1 and an insert film.

Claim 15 (Currently Amended): ~~The glazing as claimed in claim 14, characterized in that it~~ A glazing assembly, which comprises at least one substrate according to ~~the invention~~ claim 1 and an inert film, wherein the glazing is mounted with another substrate as double glazing and the glazing assembly has a light transmission of between 40 and 90%.

Claim 16 (Currently Amended): The glazing as claimed in claim 14, ~~characterized in that~~ which has a selectivity defined by the ratio of the light transmission to the solar factor,  $T_L/\text{SF}$  of between 1.1 and 2.1.

Claim 17 (Canceled).

Claim 18 (Previously Presented): The substrate as claimed in claim 2, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least  $500^\circ\text{C}$ .

Claim 19 (Previously Presented): The substrate as claimed in claim 3, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.

Claim 20 (Previously Presented): The substrate as claimed in claim 4, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.

Claim 21 (Previously Presented): The substrate as claimed in claim 5, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.